

**APPLICATION FOR GRANT
2000 WATER PROJECT GRANT PROGRAM
COLORADO RIVER WATER CONSERVATION DISTRICT**

Project Title: A-1 Priority Group

Project Sponsor: A-1 Priority Group in cooperation with the Bookcliff Soil Conservation District

Contact Individual: John McBride

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Proposed Grant Amount: \$15,000

Match Amount (all sources) none

Total Project \$35,625

Basin:

Gunnison

Colorado

White

Yampa

District Purpose: Improve an existing water supply system, Improve instream water quality, Promote water use efficiency and Reduce sedimentation.

Project Summary:

See attached summary and project map

PROPOSED PROJECT EXPENSES

A-1 PRIORITY GROUP

PROJECT COMPONENTS:	COST	TOTAL
• 1 Inlet Structure (10 cu/yd)	\$ 8,000	\$ 8,000
• 4 Headgates		
3 - 6 inch	300	900
1 - 8 inch	400	400
• Buried Pipe - 6 inch @ \$1.50		
6 inch - 1700 ft	2,550	2,550
6 inch - 2000 ft	3,000	3,000
6 inch - 2300 ft	3,450	3,450
8 inch @ \$2.25		
8 inch - 3300 ft	7,425	7,425
• Trenching @ 3.00 ft		
3,300 ft		9,900
TOTAL PROJECTED EXPENSES		\$35,625

PROJECT SUMMARY**A-1 PRIORITY GROUP****PROJECT PARTICIPANTS****WATER RIGHTS**

James R. Carnahan
29641 Highway 6
Rifle, CO 81650
PH: 625 3400

4.68 shares Cactus Valley Ditch
.66 CFS

Lee Estes
29979 Highway 6
Rifle, CO 81650
PH: 625 2945

1.81 shares Cactus Valley Ditch
.25 CFS

Donald Lloyd
2898 County Road 210
Rifle, CO 81650
PH: 625 9682

1.5 shares Cactus Valley Ditch
.21 CFS

John McBride
303 AABC, Suite E
Aspen, CO 81611
PH: 925 2102

6.24 shares Cactus Valley Ditch
.88 CFS

Doug Stewart
2888 County Road 210
Rifle, Co 81650
PH: 625 3096

3.5 shares Cactus Valley Ditch
.50 CFS

PROJECT LOCATION

East edge of Sections 1 and 6, T 6 South, R93 West.

ACRES SERVED

James Carnahan
Lee Estes
John McBride
Doug Stewart
Donald Lloyd

25.2 acres
8.1 acres
41.0 acres
13.8 acres
6.8 acres

TOTAL ACRES SERVED

104.9 acres

EXISTING SYSTEM

The Participants are currently using an open earth ditch system. The ditches are severely eroded. The water seepage from these ditches flow into an existing arroyo, which empties directly into the Colorado River.

SOLUTION

In a joint effort the above participants will install a diversion structure at the head of their shared ditch. From that structure, 4 pipelines will be laid in a common trench. Each pipeline will surface into a headgate at each property line. Cost of the trenching and diversion structure will be shared, with each each producer paying for their own pipeline and headgate. Components of project are addressed in the cost statement. Producers Stewart and Lloyd will share the cost of the 1700 ft pipeline and 1 headgate.

This project will:

1. Improve an existing water supply system
2. Improve instream water quality
3. Promote water use efficiency
4. Reduce sediment

CONSERVATION PLAN MAP

Owner A-1 Group Operator _____
County GARFIELD State CO Date 1-2000
Approximate acres _____ Approximate scale 1" = 660 ft.
Cooperating with Book Cliff Soil Conservation Conservation District _____
Plan identification _____ Photo number _____
Assisted by DAVIDSON - Kishimoto USDA Soil Conservation Service

